

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 91-132
WASTE DISCHARGE REQUIREMENTS FOR:

BULLTAIL RANCH, LUCASFILM, LTD.,
MARIN COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter Board) finds that:

1. Lucasfilm, Ltd. (hereinafter discharger) submitted a Report of Waste Discharge dated May 22, 1981 and for the discharge of sanitary waste from Bulltail Ranch, a retreat located at 5858 Lucas Valley Road, Marin County.
2. Currently LucasFilm has two septic systems which provide treatment as described below.
 - a. Waste 001: Up to 6,250 gallons per day (gpd) of sanitary sewage from a maximum of 250 daytime users. The disposal system is referred to as the Main Meadow system. The waste is discharged from offices, a technical building, and the Main House into a septic tank and leachfield system. This system is composed of standard septic tanks and a dual leachfield. The leachfield was placed in a partially filled area which was compacted and planted with grass approximately three years prior to its installation. The capacity of each leachfield is 6,250 gpd. A total disposal area of 12,500 gpd is available if both leachfields are in operation simultaneously. However, dual leachfield systems generally rotate use of the leachfields, allowing one leachfield to rest while the other is in operation. As described in #3 below, Lucasfilm will be permitted to use both leachfields simultaneously for eight months during the construction of new on-site wastewater facilities.
 - b. Waste 002: Approximately 1600 gpd of sanitary sewage from a group of buildings known as the Farm group. This system is composed of a conventional septic tank and leachfield and has been previously approved by the Marin County Health Department. The capacity of this septic tank and leachfield system is 2400 gpd.
3. Lucasfilm is undertaking the construction of a Recreation building and Archival building. These buildings will generate additional domestic wastewater. The Main Meadow leachfield has excess reserve capacity due to the fact that the system is designed as a dual leachfield. Therefore, the Main Meadow leachfield

will be used to dispose of the wastewater generated from the Recreation Building and the Archival building until the new disposal system is installed. This system will be installed and operational no later than six months after the use of the new buildings.

4. The Regional Board adopted a revised Water Quality Control plan for the San Francisco Bay Region (Basin Plan) on December 17, 1986. The Basin Plan contains water quality objectives for Central San Francisco Bay and contiguous waters.
5. The beneficial uses of Nicasio Creek as set forth in the Basin Plan include:
 - a. Water contact recreation.
 - b. Fish migration and habitat.
 - c. Preservation and enhancement of fish, wildlife and other aquatic resources.
 - d. Aesthetic enjoyment.
 - e. Municipal and domestic water supply.
6. The County of Marin found and determined on the basis of an Initial Study that the project, as described, will have no substantial adverse effect on the environment, and therefore adopted a Negative Declaration regarding this project, dated October 2, 1979 in accordance with California Environmental Quality Act (Public Resources Code Section 2100 et. seq.).

IT IS HEREBY ORDERED, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, that the discharger shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. All waste shall be kept below the ground surface at all times.
3. The disposal of waste shall not cause degradation of ground water suitable for domestic use or cause an increase in any quality parameter that would make ground water unsuitable for irrigation use.

B. Prohibitions


1. Waste shall not be allowed to escape from the discharger's property into waters of the State via either surface flow or surfacing after percolation.

2. The volume of Waste 001 shall not exceed 9810 gpd.
(A five-day average shall be calculated weekly, Monday through Friday, by measuring water usage and subtracting 5% for uses which do not enter the septic system. If it proves infeasible to monitor the water meters on a 5-day basis, the discharger may elect the more conservative approach of calculating a five day average from a weekly (7 day) reading).
Eight months after the inhabitation of the Recreation and Archive buildings, the volume of Waste 001 shall return to its previous limit of 6,250 GPD.
3. The volume of Waste 002 shall not exceed 2400 gpd (monthly average of weekly flows).
4. The discharge of waste other than household sanitary waste is prohibited.

C. Provisions

1. The Discharger shall install and have fully operational an on-site wastewater system to dispose of the waste generated by the Recreation and Archival buildings within six months following the use of the buildings. The design of the system shall be approved by the Marin County Health Department and the Executive Officer in writing.
2. Prior to use of the Main Meadow Leachfield for disposal of the additional waste, all system components shall be verified to be in working order.
3. The discharger will comply with the Self-Monitoring Program as ordered by the Executive Officer.
4. The discharger shall comply with the following items contained in the attached Regional Board's "Standard Provisions, Reporting Requirements, and Definitions," dated December 1986: A.2., A.3, A.8, A.12, A.13, A.14, A.15, A.17, A.18, C.1-5., D.1-4..
5. This Board will review this Order periodically and may revise the requirements when necessary.
6. This Order supersedes Order #90-84. Order #90-84 is hereby repealed.

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on September 18, 1991


STEVEN R. RITCHIE
Executive Officer

Effective Date 9/18/91

Attachments:

Standard Provisions and Reporting
Requirements, December 1986
Self-Monitoring Program

[File No. 2151.1990

[Originator/LCF]

[Reviewer/RJC]

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

PART A

I. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16. The principal purposes of a self-monitoring program are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board; and
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

II. DESCRIPTION OF SAMPLING AND OBSERVATION

- A. A five-day average shall be calculated weekly for each disposal system, Monday through Friday, by measuring water usage and subtracting 5% for uses which do not enter the septic system. If it proves infeasible to monitor the water meters on a 5-day basis, the discharger may elect the more conservative approach of calculating a five day average from a weekly (7 day) reading).

III. REPORTS TO BE FILED WITH THE BOARD

B. Violations of Requirements

In the event the disharger is unable to comply with the conditions of the waste discharge requirements due to:

- (a) maintenance work, power failures, or breakdown of waste treatment equipment; or
- (b) bypassing of untreated or partially treated wastewater; or
- (c) accidents caused by human error or negligence; or

(d) other causes such as acts of nature;

the discharger shall notify the Board office by telephone (415-464-1255) as soon as he or his agents have knowledge of the incident and shall confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the noncompliance and shall indicate what steps were taken to prevent the problem from recurring.

C. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar quarter and submitted by the fifteenth day of the following month (i.e. April 15, July 15, October 15, and January 15). The reports shall include:

1. Letter of Transmittal

A letter transmitting self-monitoring reports shall accompany each report. Such a letter shall include a discussion of requirement violations found during the past quarter and actions taken or planned for correcting violations, such as plant operation modifications. The letter transmitting monitoring reports shall be signed by a responsible official. The letter shall contain a statement by the official that to the best of the signer's knowledge the report is true and correct.

2. Data

All results observed or analyzed in section II.

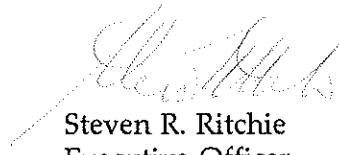
3. Map

A map shall accompany the report, showing the location of the disposal areas.

I, Steven R. Ritchie, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 86-50.
2. Is effective on the date shown below.

3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.


Steven R. Ritchie
Executive Officer

Effective Date 4/18/11